

(19)



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(11) Publication number:

0 496 427 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **92101190.4**(51) Int. Cl.⁶: **H04M 11/06, H04L 27/00**(22) Date of filing: **24.01.92**(30) Priority: **24.01.91 US 645113**(43) Date of publication of application:
29.07.92 Bulletin 92/31(84) Designated Contracting States:
CH DE FR GB IT LI SE(88) Date of deferred publication of the search report:
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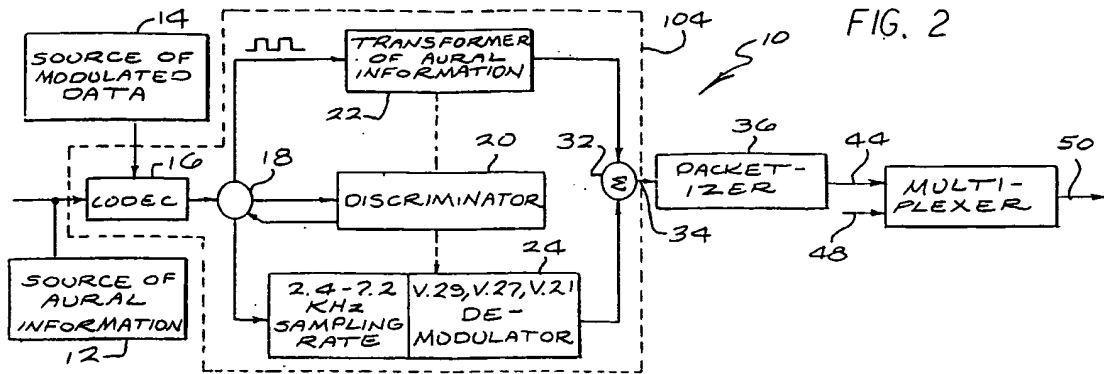
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D-80538 München (DE)(54) **System for transmitting and receiving aural information and modulated data.**

(57) Modulated data information having an individual one of different baud rates and aural information are converted at a transmitter from analog to digital form. A controller separately identifies the digitized aural and modulated data information and, if modulated data, identifies the baud rate of such modulated data. The aural information is separately transformed. For modulated data, the information is separately processed in accordance with the different baud rates. The individual ones of aural and modulated data are then introduced to a common line for packetizing. The beginning of each packet is labelled to identify whether the packet contains aural information (such as voice or music) or modulated data (such as modem or facsimile) and, if modulated data, the particular baud rate of such information. An individual code identifies the end of each packet.

The packetized information is then multiplexed in a common bus with other packetized aural and data information. At a receiver connected to the common bus, the multiplexed information is separated into the different packets. The packetized information representing individual ones of aural information (such as voice or music) and modulated data (such as music or facsimile information) is separated, in accordance with the packet labels, into aural information and modulated data and, if modulated data, is introduced to an individual one of different modulators each operative at an individual one of the different baud rates. The aural information is then transformed substantially to its original form at the transmitter and the modulated data is separately processed in accordance with the different baud rates.

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EUROPEAN SEARCH REPORT

Application Number
EP 92 10 1190

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
A	US-A-4 805 208 (SCHWARTZ) 14 February 1989 * abstract; figure 1A * * column 4, line 35 - column 6, line 65 * ---	1,7,13, 19,23	H04M11/06 H04L27/00 H04L12/64
A	US-A-4 876 696 (YOSHIKAWA) 24 October 1989 * the whole document * ---	1,7,13, 19,23	
A	GB-A-2 067 877 (SIEMENS AG) 30 July 1981 -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			H04M H04L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15 November 1994	Examiner Revellio, H.S.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- a : member of the same patent family, corresponding document	

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